SF6 Non-Electricity/Non-Semiconductor Regulation

- Purpose is to cover all non-electricity and non-semiconductor and related uses

- Board Hearing was February 2009.

SF_6 Non-Electricity/Non-Semiconductor Research Provisions

- Exemptions to SF6 non-electricity regulation include:

  (3) Use as a dielectric medium including equipment containing sulfur hexafluoride for use as a dielectric medium.

  (4) Use as an arc quenching medium including equipment containing sulfur hexafluoride for use as an arc quenching medium.

- Particle Accelerator research not falling under those two categories would be covered

Research Provisions

- Research is exempt from phase-out but must register, monitor usage, and report usage.
- Regulatory Exemption Language:

…with the exception that section 95343 does not apply to the following uses…

(10) Use for research in a research facility. Use for tracer gas testing applications and magnesium casting is not included and is still subject to the provisions in sections 95343 through 95346. Research facilities planning to use sulfur hexafluoride for on- or off-site research in a use not covered by 95341(a)(1-9) must:

(A) Register with ARB in the form of a letter to the Executive Officer and must include the business name, physical address, contact name, telephone number, fax number, e-mail address, and web site address, as applicable.

(B) Monitor and report usage annually as defined in section 95345(d).

Reporting requirements

(d) **Annual Reporting for Research Uses of Sulfur Hexafluoride**

Beginning in calendar year 2011, all persons who purchase or use sulfur hexafluoride for research purposes, except for those users exempted under section 95341(a)(1-9), must submit an annual report to the Executive officer by March 30th for the previous calendar year. The report must include the following:

(1) The total quantity of sulfur hexafluoride purchased and used in the previous year;

(2) Quantity of sulfur hexafluoride used for each research activity undertaken in the previous year;

(3) Explanation of each research activity; and

(4) Description of efforts undertaken to minimize sulfur hexafluoride emissions.